# SR 16 Tacoma Narrows Bridge Project

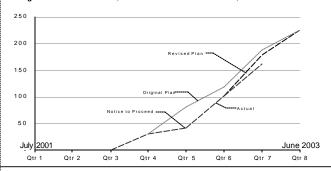
**Project Location:** SR 16, Jackson Avenue to 36<sup>th</sup> Street

**PIN**: 301699A **WIN**: C01699C, C01699D

Contractors: Tacoma Narrows Constructors, A Joint Venture (Design/Build); TransCore, L.P (Toll System Supply and Installation)

| <b>Project Cost Summary:</b> | \$Millions | <b>Expended</b> |
|------------------------------|------------|-----------------|
| Design/Build Contract        | 615.0      | 135.6           |
| Toll System Contract         | 9.2        | 0.5             |
| WSDOT Oversight              | 41.0       | 2.8             |
| Contingencies                | 54.7       | 1.0             |
| Phase I Dev. Cost (UIW)      | 40.5       | 39.9            |
| Total                        | 760.4      | 179.8           |
| Total Expended/Total Cost    | 23.6%      |                 |

#### **Project Cash Flow:** (01-03 Biennium in Millions)



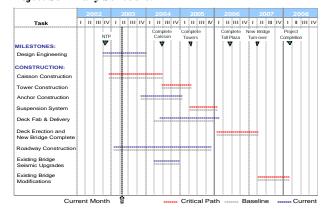
### **Project Schedule Status:**

- Pier 11 Caisson Cutting Edge concrete delayed one week resulting in reduction of total float from six days to zero days.
- Some Contract Milestones are scheduled ahead of Contract dates

#### **Contract Milestones Overview:**

| Milestone   |          | TNC     | Months<br>Ahead |
|---|----------|---------|-----------------|
|   | Contract |         |                 |
| Provide Final Plans and Spec. for Toll Facilities | 25Sep03  | 27Jun03 | 4.4             |
| Place order for Saddles                           | 17Feb04  | 01Aug03 | 6.7             |
| Complete new bridge substructure                  | 12May05  | 11Apr05 | 1.0             |
| Guaranteed TCAAS Installation Readiness Date      | 08Dec05  | 19Sep05 | 2.7             |
| Lift first deck unit                              | 07May06  | 14Feb06 | 2.7             |
| Complete Superstructure joining of deck sections  | 03Dec06  | 29Aug06 | 3.2             |
| Guaranteed Tolling Completion Date                | 02Apr07  | 02Apr07 | 0.0             |
| Guaranteed Project Substantial Completion Date    | 26Feb08  | 26Feb08 | 0.0             |

# **Project Summary Schedule:**



# Project Progress To Date: (% Complete) Total (1) Construction Design 73.6% 1. Weighted 7% Design progress and 93% Construction progress

# Progress Highlights for month of April 2003:

- Tacoma Mainline design 65% complete
- 36th Street & 22nd Avenue design 90% complete
- Second cutting edge launched from Todd Pacific Shipyard and towed to Port of Tacoma for outfitting
- Began caisson anchor testing & placement in Narrows
- Pier 11 outfitted and rebar placed above the cutting edge



Pier 11 cutting edge outfitted and rebar installed

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# **Quality Control:**

- Revamped quality control/assurance plan
- Improved payment process
- Updated Project Management Plan

# Risks/Challenges/Issues:

Insurance market

#### **Upcoming Activities for May:**

- Pier 11 Caisson lift #1 concrete pour
- Gig Harbor Mainline 90% design package submittal
- New Bridge Tower Structure 90% Design review package
- Demo Paving of Beach & Serena Streets
- Delivery of 24<sup>th</sup> Street Bridge Girders

#### **Public Information:**

- Participated in four community meetings
- Posted first quarterly noise report
- Held media event for second cutting edge launch
- 24-Hour phone line for nightime construction updated daily